4-25-1989

The Infrared Orbital Tracking System

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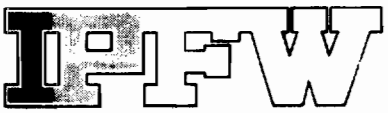
SENIOR DESIGN
TECHNICAL REPORT

for

THE INFRARED ORBITAL TRACKING SYSTEM
title

in partial fulfillment of the requirements
for the degree of

BACHELOR OF SCIENCE



presented to the
ELECTRICAL ENGINEERING TECHNOLOGY FACULTY
INDIANA UNIVERSITY-PURDUE UNIVERSITY AT FORT WAYNE

APRIL 25, 1989
date

by

MICHAEL S. MARUK

GRADE: _____

APPROVED: _____

ABSTRACT

OF THE

INFRARED ORBITAL TRACKING SYSTEM

BY
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The Infrared Orbital Tracking System (I.O.T.S), which is a microprocessor (8052AH-BASIC)- based control system provides many tracking applications such as propelled satellite tracking.

This closed-loop control system can be programed by an IBM PC with serial communications and Procomm Software.

The microprocessor used can also be set up to program EPROMs if the control system has to operate in a noisy environment.

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